
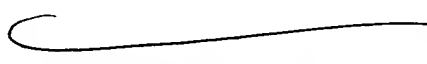
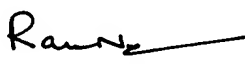
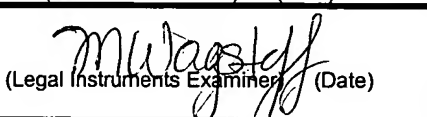


| | | | | |
|--|--------------------------------|--|--|--|
| Issue Classification  | Application/Control No. | | Applicant(s)/Patent under Reexamination | |
| | 10/602,491 | | WELCH ET AL. | |
| | Examiner | | Art Unit | |
| | Ram N. Kackar | | 1763 | |

| ISSUE CLASSIFICATION | | | | | | | | | | |
|------------------------------|---|----------|---|-------|--------------------|-----------------------------------|--------|--------|--------|--------|
| ORIGINAL | | | | | CROSS REFERENCE(S) | | | | | |
| CLASS | | SUBCLASS | | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | |
| 118 | | 715 | | | 118 | 724 | 725 | 728 | | |
| INTERNATIONAL CLASSIFICATION | | | | | 156 | 345.51 | 345.52 | 345.53 | 345.55 | 345.55 |
| H | 0 | 1 | L | 21/00 | 204 | 192.1 | 298.01 | | | |
| C | 2 | 3 | C | 16/00 | 216 | 67 | 58 | | | |
| | | | | / | 219 | 76.16 | | | | |
| | | | | / | 414 | 939 | | | | |
| | | | | / | | | | | | |

| | | | | | |
|--|--|--|--|---------------------------------|--|
|  (Assistant Examiner) (Date) | |  Ram N Kackar (Primary Examiner) (Date) | | Total Claims Allowed: 15 | |
|  (Legal Instruments Examiner) (Date) | | | | O.G. Print Claim(s) 1 | |
| | | | | O.G. Print Fig. Fig 3b | |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | | | | | <input type="checkbox"/> CPA | | | | | | | | | | <input type="checkbox"/> T.D. | | | | | | | | | | <input type="checkbox"/> R.1.47 | | | | | | | | | |
|--|----------|-------|----------|-------|----------|-------|----------|-------|----------|------------------------------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------------------------------|----------|-------|----------|-------|----------|-------|----------|-------|----------|---------------------------------|-----|--|--|--|--|--|--|--|--|
| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | | | | | | | | | | |
| | 1 | | 31 | | 61 | | 91 | | 121 | | 151 | | 181 | | 211 | | 241 | | 271 | | 301 | | 331 | | 361 | | 391 | | 421 | | 451 | | | | | | | | |
| | 2 | | 32 | | 62 | | 92 | | 122 | | 152 | | 182 | | 212 | | 242 | | 272 | | 302 | | 332 | | 362 | | 392 | | 422 | | 452 | | | | | | | | |
| | 3 | | 33 | | 63 | | 93 | | 123 | | 153 | | 183 | | 213 | | 243 | | 273 | | 303 | | 333 | | 363 | | 393 | | 423 | | 453 | | | | | | | | |
| | 4 | | 34 | | 64 | | 94 | | 124 | | 154 | | 184 | | 214 | | 244 | | 274 | | 304 | | 334 | | 364 | | 394 | | 424 | | 454 | | | | | | | | |
| | 5 | | 35 | | 65 | | 95 | | 125 | | 155 | | 185 | | 215 | | 245 | | 275 | | 305 | | 335 | | 365 | | 395 | | 425 | | 455 | | | | | | | | |
| | 6 | | 36 | | 66 | | 96 | | 126 | | 156 | | 186 | | 216 | | 246 | | 276 | | 306 | | 336 | | 366 | | 396 | | 426 | | 456 | | | | | | | | |
| | 7 | | 37 | | 67 | | 97 | | 127 | | 157 | | 187 | | 217 | | 247 | | 277 | | 307 | | 337 | | 367 | | 397 | | 427 | | 457 | | | | | | | | |
| | 8 | | 38 | | 68 | | 98 | | 128 | | 158 | | 188 | | 218 | | 248 | | 278 | | 308 | | 338 | | 368 | | 398 | | 428 | | 458 | | | | | | | | |
| | 9 | | 39 | | 69 | | 99 | | 129 | | 159 | | 189 | | 219 | | 249 | | 279 | | 309 | | 339 | | 369 | | 399 | | 429 | | 459 | | | | | | | | |
| | 10 | | 40 | | 70 | | 100 | | 130 | | 160 | | 190 | | 220 | | 250 | | 280 | | 310 | | 340 | | 370 | | 400 | | 430 | | 460 | | | | | | | | |
| | 11 | 15 | 41 | | 71 | | 101 | | 131 | | 161 | | 191 | | 221 | | 251 | | 281 | | 311 | | 341 | | 371 | | 401 | | 431 | | 461 | | | | | | | | |
| | 12 | 14 | 42 | | 72 | | 102 | | 132 | | 162 | | 192 | | 222 | | 252 | | 282 | | 312 | | 342 | | 372 | | 402 | | 432 | | 462 | | | | | | | | |
| | 13 | | 43 | | 73 | | 103 | | 133 | | 163 | | 193 | | 223 | | 253 | | 283 | | 313 | | 343 | | 373 | | 403 | | 433 | | 463 | | | | | | | | |
| | 14 | | 44 | | 74 | | 104 | | 134 | | 164 | | 194 | | 224 | | 254 | | 284 | | 314 | | 344 | | 374 | | 404 | | 434 | | 464 | | | | | | | | |
| | 15 | 10 | 45 | | 75 | | 105 | | 135 | | 165 | | 195 | | 225 | | 255 | | 285 | | 315 | | 345 | | 375 | | 405 | | 435 | | 465 | | | | | | | | |
| | 16 | 11 | 46 | | 76 | | 106 | | 136 | | 166 | | 196 | | 226 | | 256 | | 286 | | 316 | | 346 | | 376 | | 406 | | 436 | | 466 | | | | | | | | |
| | 17 | 12 | 47 | | 77 | | 107 | | 137 | | 167 | | 197 | | 227 | | 257 | | 287 | | 317 | | 347 | | 377 | | 407 | | 437 | | 467 | | | | | | | | |
| | 18 | 13 | 48 | | 78 | | 108 | | 138 | | 168 | | 198 | | 228 | | 258 | | 288 | | 318 | | 348 | | 378 | | 408 | | 438 | | 468 | | | | | | | | |
| | 19 | | 49 | | 79 | | 109 | | 139 | | 169 | | 199 | | 229 | | 259 | | 289 | | 319 | | 349 | | 379 | | 409 | | 439 | | 469 | | | | | | | | |
| | 20 | | 50 | | 80 | | 110 | | 140 | | 170 | | 200 | | 230 | | 260 | | 290 | | 320 | | 350 | | 380 | | 410 | | 440 | | 470 | | | | | | | | |
| | 21 | | 51 | | 81 | | 111 | | 141 | | 171 | | 201 | | 231 | | 261 | | 291 | | 321 | | 351 | | 381 | | 411 | | 441 | | 471 | | | | | | | | |
| | 22 | | 52 | | 82 | | 112 | | 142 | | 172 | | 202 | | 232 | | 262 | | 292 | | 322 | | 352 | | 382 | | 412 | | 442 | | 472 | | | | | | | | |
| | 23 | | 53 | | 83 | | 113 | | 143 | | 173 | | 203 | | 233 | | 263 | | 293 | | 323 | | 353 | | 383 | | 413 | | 443 | | 473 | | | | | | | | |
| | 24 | | 54 | | 84 | | 114 | | 144 | | 174 | | 204 | | 234 | | 264 | | 294 | | 324 | | 354 | | 384 | | 414 | | 444 | | 474 | | | | | | | | |
| | 25 | | 55 | | 85 | | 115 | | 145 | | 175 | | 205 | | 235 | | 265 | | 295 | | 325 | | 355 | | 385 | | 415 | | 445 | | 475 | | | | | | | | |
| | 26 | | 56 | | 86 | | 116 | | 146 | | 176 | | 206 | | 236 | | 266 | | 296 | | 326 | | 356 | | 386 | | 416 | | 446 | | 476 | | | | | | | | |
| | 27 | | 57 | | 87 | | 117 | | 147 | | 177 | | 207 | | 237 | | 267 | | 297 | | 327 | | 357 | | 387 | | 417 | | 447 | | 477 | | | | | | | | |
| | 28 | | 58 | | 88 | | 118 | | 148 | | 178 | | 208 | | 238 | | 268 | | 298 | | 328 | | 358 | | 388 | | 418 | | 448 | | 478 | | | | | | | | |
| | 29 | | 59 | | 89 | | 119 | | 149 | | 179 | | 209 | | 239 | | 269 | | 299 | | 329 | | 359 | | 389 | | 419 | | 449 | | 479 | | | | | | | | |
| | 30 | | 60 | | 90 | | 120 | | 150 | | 180 | | 210 | | 240 | | 270 | | 300 | | 330 | | 360 | | 390 | | 420 | | 450 | | 480 | | | | | | | | |